

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1 and 2. (Cancelled).

Claim 3. (Previously Presented): The composition of Claim 14 characterized in that its flame resistance is V-0 according to UL 94 V at a thickness of the test bar of ≤ 3.2 mm.

Claim 4. (Previously Presented): The composition of Claim 14 wherein polymeric resin is at least one member selected from the group consisting of aromatic polycarbonate and aromatic polyester carbonate.

Claim 5. (Cancelled).

Claim 6. (Previously Presented): The composition of Claim 14 in which the graft polymer (B) is composed of
B.1) 5 to 95 wt. % of one or more vinyl monomers grafted on
B.2) 95 to 5 wt. % of one or more graft bases with a glass transition temperature of < 10 °C.

Claim 7. (Previously Presented): The composition of Claim 14 in which the graft polymer is present in an amount of 2 to 25 parts by wt.

Claim 8. (Previously Presented): The composition of Claim 14 comprising a phosphorus compound in an amount of 1 to 25 parts by wt.

Claim 9. (Previously Presented): The composition of Claim 14 in which the vinyl(co)polymer (C) is composed of

50 to 99 wt.% of at least one of styrene, α -methyl styrene, p-methyl styrene, p-chlorostyrene and methacrylic acid(C₁-C₈)-alkylates and 1 to 50 wt.% of at least one of vinyl cyanides, (meth)acrylic acid-(C₁-C₈)-alkylate, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acids.

Claim 10. (Original): The composition of Claim 6 in which monomers B.1 are mixture of

50 to 99 wt.% of at least one of styrene, α -methyl styrene, p-methyl styrene, p-chlorostyrene and methacrylic acid(C₁-C₈)-alkylates and 1 to 50 wt.% of at least one of vinyl cyanides, (meth)acrylic acid-(C₁-C₈)-alkylate, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acid.

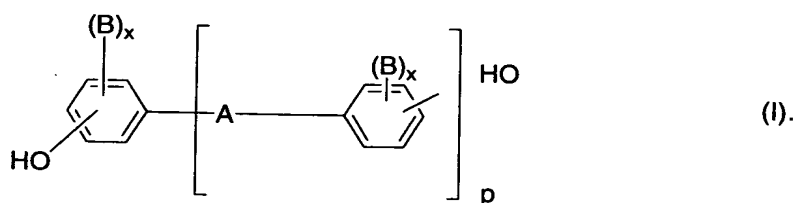
Claim 11. (Original): The composition of Claim 6 in which the graft base B.2 is selected from at least one of diene rubbers, EP(D)M rubbers, acrylate rubbers, silicone rubbers, chloroprene rubbers, styrene/butadiene copolymers and styrene/isoprene copolymers.

Claim 12. (Cancelled).

Claim 13. (Previously Presented): A molded article comprising the composition of Claim 14.

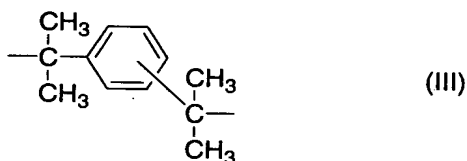
Claim 14. (Currently Amended): A flame resistant thermoplastic molding composition comprising

A) 40 to 99 parts by weight of polycarbonate and/or polyestercarbonate the diphenol used in their preparation is at least one member selected from the group conforming to Formula (I)



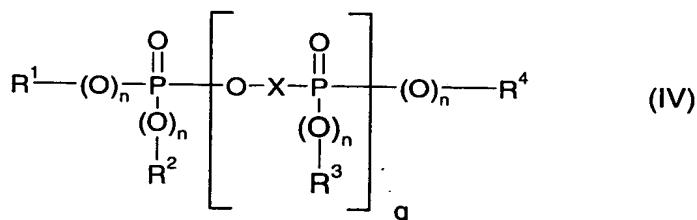
where

A represents a single bond, C₁ to C₅ alkylene, C₂ to C₅ alkylidene, -O-, -SO-, -CO-, -S-, -SO₂-, C₆ to C₁₂ arylene, or a group of Formula (III)



B represents respectively C₁ to C₁₂ alkyl or halogen,
x independently of one another denote 0, 1 or 2 and
p is 1 or 0, and,

- B) 1 to 40 parts by weight of impact strength modifier that includes a rubber portion B_a, prepared by emulsion polymerization initiated by a redox system, and a rubber-free portion of vinyl(co)polymer,
- C) 0 to 30 parts by weight of vinyl(co)polymer and/or polyalkyleneterephthalate and
- D) 0.5 to 30 parts by weight of phosphorous compound conforming to formula (IV)



where

R¹, R², R³ and R⁴ independently of one another denote an optionally halogenated C₁ to C₈-alkyl, C₅ to C₆-cycloalkyl optionally substituted by alkyl, C₆ to C₂₀-aryl or C₇ to C₁₂-aralkyl,

n independently one of the others denotes 0 or 1,

q is 0 to 30 and

X is a mono- or polynuclear aromatic residue with 6 to 30 C atoms, or a linear or branched aliphatic residue with 2 to 30 C atoms, which may be OH-substituted and contain up to 8 ether bonds.

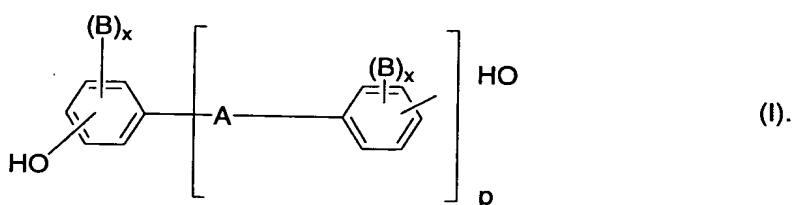
and wherein the sum of the parts by weight of all components in the composition is 100 and wherein Z, the ratio of B_a to the rubber free portion K of vinyl(co)polymer included in the composition is greater than 1, the composition having a notched impact strength greater than 20 kJ/m², determined in accordance with ISO 180 1A at -20 °C, said K including the rubber free portion of component B) and the optional vinyl(co)polymer of component C).

Claim 15. (Cancelled).

Claim 16. (Currently Amended): The flame resistant thermoplastic molding composition of Claim [15] 14 wherein the initiator system comprise organic hydroperoxide and ascorbic acid.

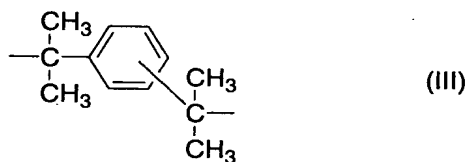
Claim 17. (Currently Amended): A flame resistant thermoplastic molding composition comprising

A) 40 to 99 parts by weight of polycarbonate and/or polyestercarbonate the diphenol used in their preparation is at least one member selected from the group conforming to Formula (I)



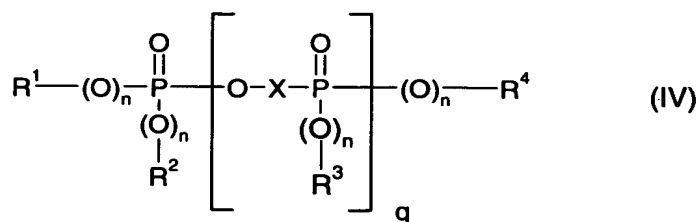
where

A represents a single bond, C₁ to C₅ alkylene, C₂ to C₅ alkylidene, -O-, -SO-, -CO-, -S-, -SO₂-, C₆ to C₁₂ arylene, or a group of Formula (III)



B represents respectively C₁ to C₁₂ alkyl or halogen,
x independently of one another denote 0, 1 or 2 and
p is 1 or 0, and ,

- B) 1 to 40 parts by weight of impact strength modifier that includes a rubber portion B_a , that includes ABS polymer prepared by emulsion polymerization initiated by a redox system, and a rubber-free portion of vinyl(co)polymer,
- C) 0 to 30 parts by weight of vinyl(co)polymer and/or polyalkyleneterephthalate and
- D) 0.5 to 30 parts by weight of phosphorous compound conforming to formula (IV)



where

R¹, R², R³ and R⁴ independently of one another denote an optionally halogenated C₁ to C₈-alkyl, C₅ to C₆-cycloalkyl optionally substituted by alkyl, C₆ to C₂₀-aryl or C₇ to C₁₂-aralkyl,

n independently one of the others denotes 0 or 1,

q is 0 to 30 and

X is a mono- or polynuclear aromatic residue with 6 to 30 C atoms, or a linear or branched aliphatic residue with 2 to 30 C atoms, which may be OH-substituted and contain up to 8 ether bonds.

and

wherein the sum of the parts by weight of all components in the composition is 100 and wherein Z, the ratio of B_a to the rubber free portion K of vinyl(co)polymer included in the composition is greater than 1, the composition having a notched impact strength greater than 20 kJ/m², determined in accordance with ISO 180 1A at -20 °C, said K including the rubber free portion of component B) and the optional vinyl(co)polymer of component C).

Claim 18. (Cancelled).

Claim 19. (Currently Amended): The flame resistant thermoplastic molding composition of Claim [18] 17 wherein the initiator system comprise organic hydroperoxide and ascorbic acid.

Claim 20. (New): The composition of Claim 14 in which the vinyl(co)polymer (C) is a polymer of at least one monomer selected from the group consisting of aromatic vinyls, vinyl cyanides, (meth)acrylic acids-(C₁-C₈) -alkylates, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acids.